TUBE20 S5E0T660

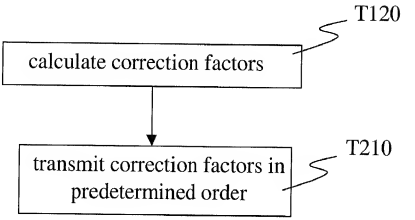


FIG. 1

FOREIGN SEARCH

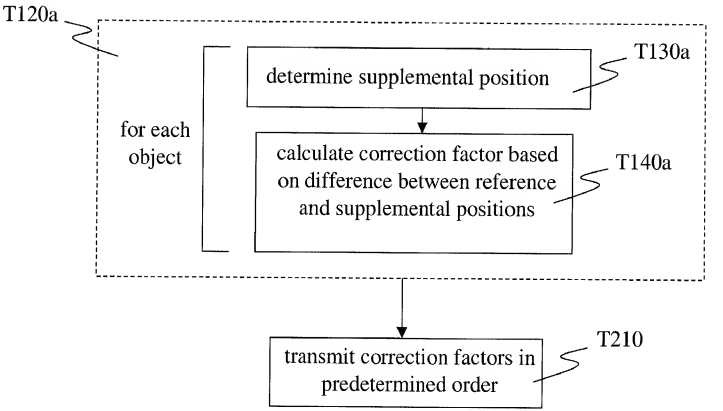
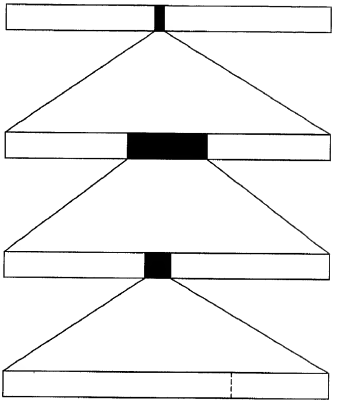


FIG. 2

T00620 "5560660



1 superframe (12.5 min) = 25 frames

1 frame (30 s, 1500 bits) = 5 subframes

1 subframe (6 s, 300 bits) = 10 words

1 word (0.6 s, 30 bits) = 24 data bits + 6 parity bits

FIG. 3 (RELATED ART)

TOUCH SCREEN

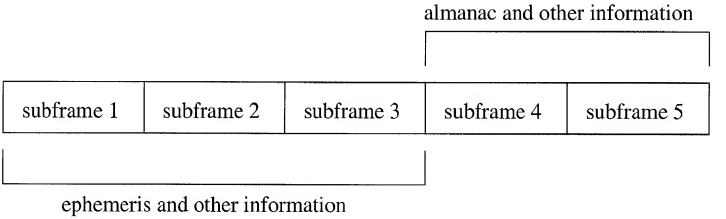


FIG. 4 (RELATED ART)

T08Z0 5820T60

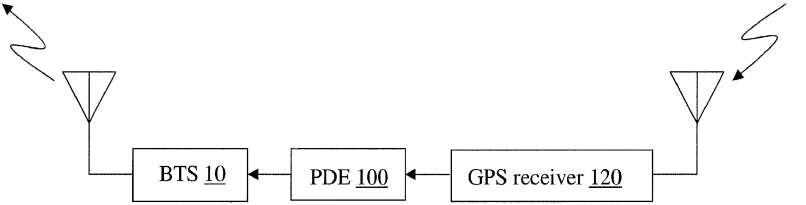


FIG. 5

TIA/EIA-95-B-660

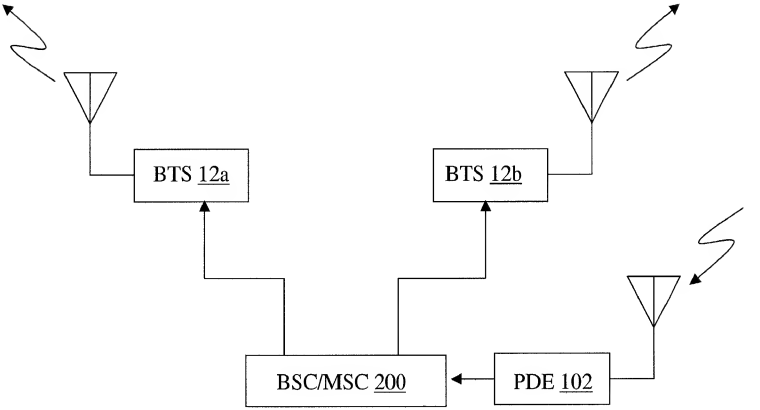


FIG. 6

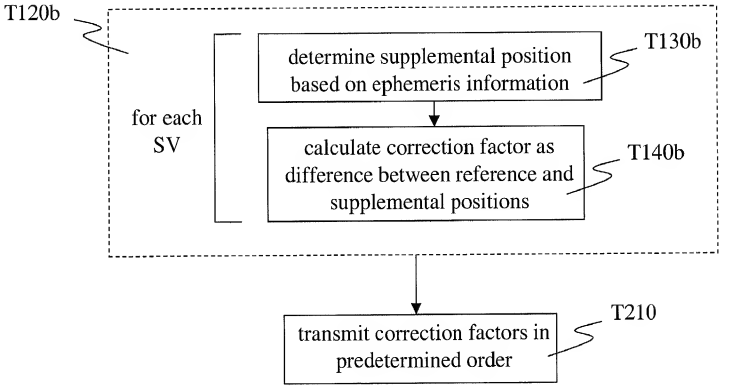

T120b
for each SV
determine supplemental position based on ephemeris information
T130b
calculate correction factor as difference between reference and supplemental positions
T140b
transmit correction factors in predetermined order
T210

FIG. 7

T08220 '5920660

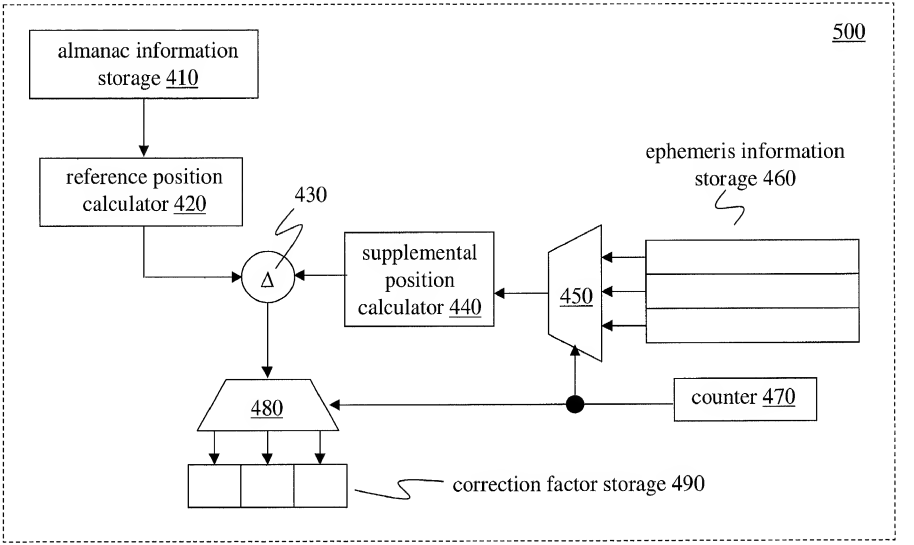


FIG. 8

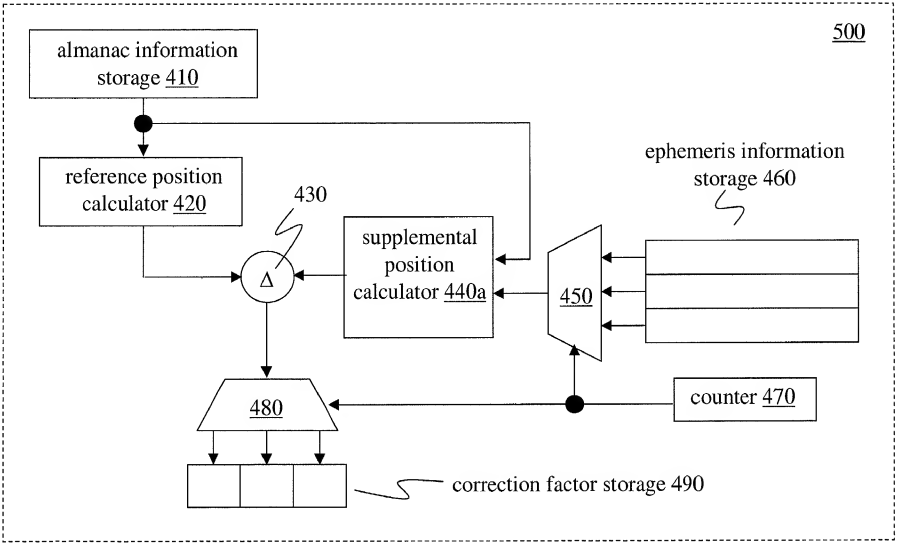

500
almanac information storage 410
reference position calculator 420
430
Δ
supplemental position calculator 440a
ephemeris information storage 460
450
480
counter 470
correction factor storage 490

FIG. 9

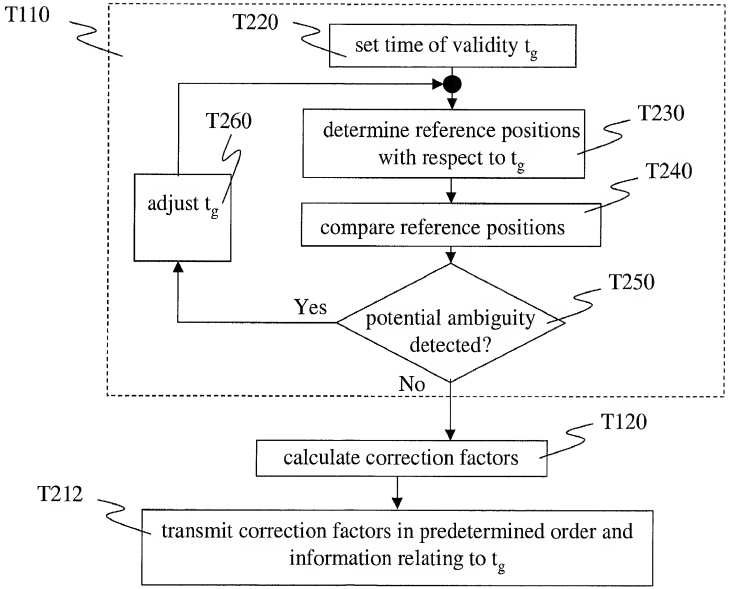

T110
T220
set time of validity t_g
T260
T230
determine reference positions with respect to t_g
adjust t_g
T240
compare reference positions
T250
Yes
potential ambiguity detected?
No
T120
calculate correction factors
T212
transmit correction factors in predetermined order and information relating to t_g

FIG. 10

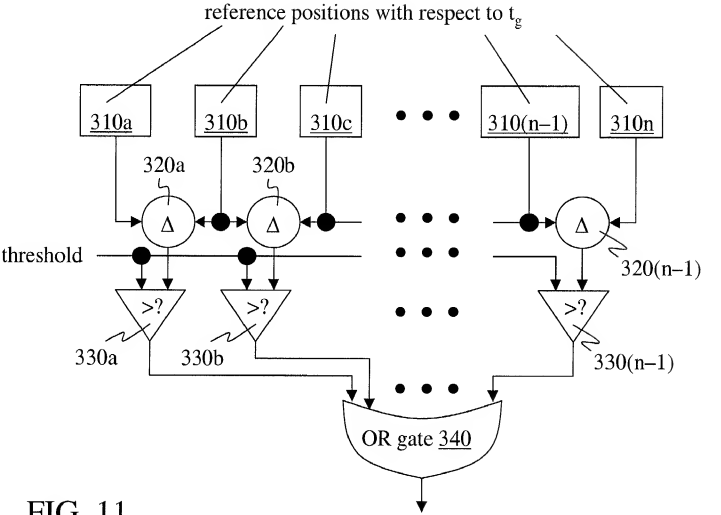

reference positions with respect to t_g
310a
310b
310c
310(n–1)
310n
320a
320b
Δ
threshold
320(n–1)
>?
330a
330b
330(n–1)
OR gate 340

FIG. 11

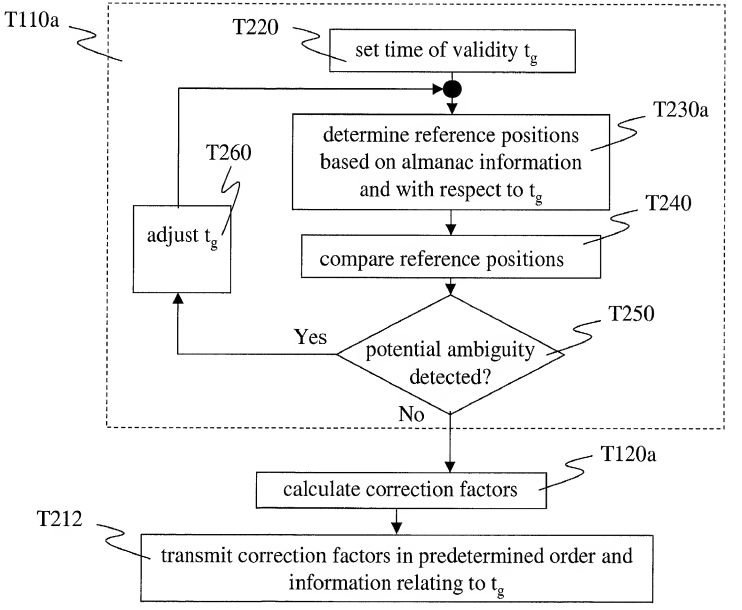

T110a
T220
set time of validity t_g
T230a
determine reference positions based on almanac information and with respect to t_g
T240
compare reference positions
T250
potential ambiguity detected?
Yes
No
T260
adjust t_g
T120a
calculate correction factors
T212
transmit correction factors in predetermined order and information relating to t_g

FIG. 12

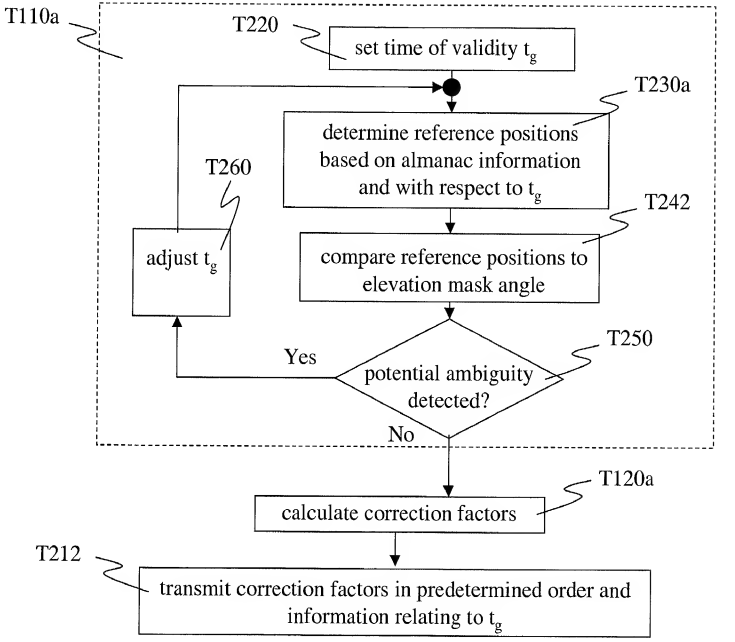

T110a
T220
set time of validity t_g
T230a
determine reference positions based on almanac information and with respect to t_g
T242
compare reference positions to elevation mask angle
T250
potential ambiguity detected?
Yes
T260
adjust t_g
No
T120a
calculate correction factors
T212
transmit correction factors in predetermined order and information relating to t_g

FIG. 13

T0820 S6070660

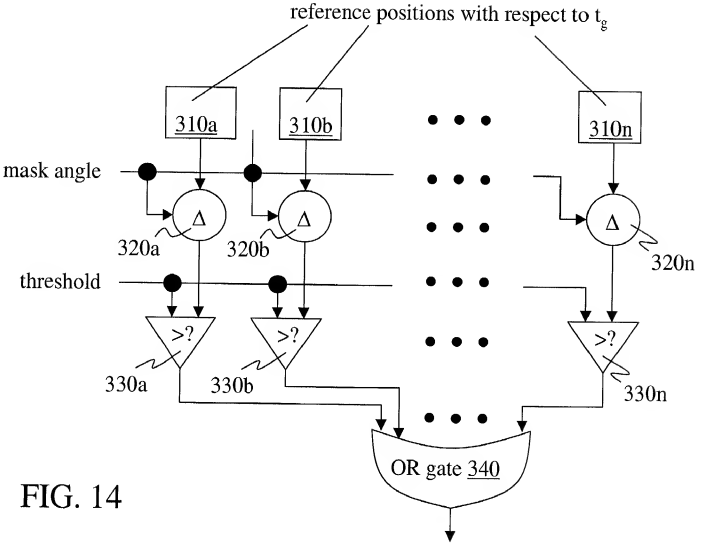


FIG. 14

T00270 S3E0T660

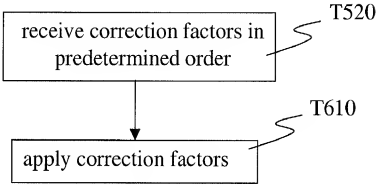


FIG. 15

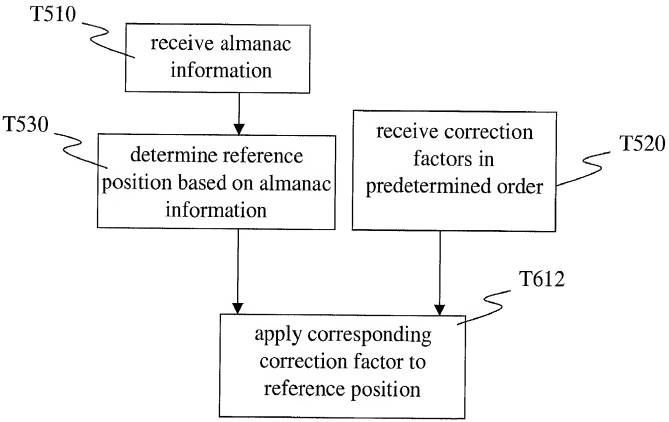

T510
receive almanac information
T530
determine reference position based on almanac information
receive correction factors in predetermined order
T520
T612
apply corresponding correction factor to reference position

FIG. 16